

WHAT IS CLAIMED IS:

1. An information processing apparatus comprising:
memory means for storing inputted print command
information; and

5 synthesizing means for, when said print command
information is stored in said memory means, if an
attribute of print command information which has
already been stored is identical to that of said print
command information and there is a memory area which
10 can be stored in said memory means, synthesizing the
print command information which has already been stored
and said print command information and allowing
synthesized information to be stored in said memory
means.

15 2. An apparatus according to claim 1, wherein when
said print command information and the print command
information which has already been stored are not
synthesized by said synthesizing means, an intermediate
20 language is generated from the print command
information stored in said memory means and,
thereafter, new print command information is stored
into said memory means.

25 3. An apparatus according to claim 1, wherein said
print command information is supplied by executing a
predetermined application program, intermediate

languages corresponding to one page are held on the basis of said print command information, and thereafter, a print command to a printer is generated.

5 4. An apparatus according to claim 3, wherein said print command is transmitted to said printer through a predetermined communication medium.

10 5. An apparatus according to claim 1, wherein said synthesizing means collects the print command information having the same attribute to a common header, thereby reducing an amount of data by an amount corresponding to a header size.

15 6. An apparatus according to claim 1, wherein said synthesizing means has:

means for obtaining draw coordinate variations of a draw object which has been held previously and a draw object which is being processed at present; and

20 means for counting up a repetition variable in the case where said variation is the same as the previous one,

and when said variation is different from the previous one, a command showing the variation and a
25 count number indicative of the repetition variable is stored into said memory means, and subsequently, a command indicative of absolute coordinates of the draw

object which is being processed at present is stored into said memory means.

5 7. An information processing method in an information processing apparatus, comprising:

10 a synthesizing step of, when inputted print command information is stored in a memory of said information processing apparatus, if an attribute of print command information which has already been stored is identical to that of said print command information and there is a memory area which can be stored in said memory, synthesizing the print command information which has already been stored and said print command information and allowing synthesized information to be
15 stored in said memory.

20 8. A method according to claim 7, wherein when said print command information and the print command information which has already been stored are not synthesized in said synthesizing step, an intermediate language is generated from the print command information stored in said memory and, thereafter, new print command information is stored into said memory.

25 9. A method according to claim 7, wherein said print command information is supplied by executing a predetermined application program, intermediate

languages corresponding to one page are held on the basis of said print command information, and thereafter, a print command to a printer is generated.

5 10. A method according to claim 9, wherein said print command is transmitted to said printer through a predetermined communication medium.

10 11. A method according to claim 7, wherein in said synthesizing step, the print command information having the same attribute is collected to a common header, thereby reducing an amount of data by an amount corresponding to a header size.

15 12. A method according to claim 7, wherein said synthesizing step has:

 a step of obtaining draw coordinate variations of a draw object which has been held previously and a draw object which is being processed at present; and

20 a step of counting up a repetition variable in the case where said variation is the same as the previous one,

 and when said variation is different from the previous one, a command showing the variation and a
25 count number indicative of the repetition variable is stored into said memory, and subsequently, a command indicative of absolute coordinates of the draw object

which is being processed at present is stored into said memory.

13. A memory medium in which a program has been
5 stored in a form of the readable program, wherein said program comprises:

a synthesizing step of, when inputted print
command information is stored in a memory, if an
attribute of print command information which has
10 already been stored is identical to that of said print command information and there is a memory area which can be stored in said memory, synthesizing the print command information which has already been stored and said print command information and allowing synthesized
15 information to be stored in said memory.

14. A medium according to claim 13, when said print command information and the print command information which has already been stored are not synthesized in
20 said synthesizing step, an intermediate language is generated from the print command information stored in said memory and, thereafter, new print command information is stored into said memory.

25 15. A medium according to claim 13, wherein said print command information is supplied by executing a predetermined application program, intermediate

languages corresponding to one page are held on the basis of said print command information, and thereafter, a print command to a printer is generated.

5 16. A medium according to claim 15, wherein said print command is transmitted to said printer through a predetermined communication medium.

10 17. A medium according to claim 13, wherein in said synthesizing step, the print command information having the same attribute is collected to a common header, thereby reducing an amount of data by an amount corresponding to a header size.

15 18. A medium according to claim 13, wherein said synthesizing step has:

 a step of obtaining draw coordinate variations of a draw object which has been held previously and a draw object which is being processed at present; and

20 a step of counting up a repetition variable in the case where said variation is the same as the previous one,

 and when said variation is different from the previous one, a command showing the variation and a
25 count number indicative of the repetition variable is stored into said memory, and subsequently, a command indicative of absolute coordinates of the draw object

which is being processed at present is stored into said memory.

19. A print control program for controlling an
5 information processing apparatus, comprising:

a synthesizing step of, when inputted print
command information is stored in a memory, if an
attribute of print command information which has
10 already been stored is identical to that of said print
command information and there is a memory area which
can be stored in said memory, synthesizing the print
command information which has already been stored and
said print command information and allowing synthesized
information to be stored in said memory.

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20. A program according to claim 19, when said
print command information and the print command
information which has already been stored are not
synthesized in said synthesizing step, an intermediate
20 language is generated from the print command
information stored in said memory and, thereafter, new
print command information is stored into said memory.

21. A program according to claim 19, wherein said
25 print command information is supplied by executing a
predetermined application program, intermediate
languages corresponding to one page are held on the

basis of said print command information, and
thereafter, a print command to a printer is generated.

22. A program according to claim 21, wherein said
5 print command is transmitted to said printer through a
predetermined communication medium.

23. A program according to claim 19, wherein in
said synthesizing step, the print command information
10 having the same attribute is collected to a common
header, thereby reducing an amount of data by an amount
corresponding to a header size.

24. A program according to claim 19, wherein
15 said synthesizing step has:

a step of obtaining draw coordinate variations of
a draw object which has been held previously and a draw
object which is being processed at present; and

a step of counting up a repetition variable in the
20 case where said variation is the same as the previous
one,

and when said variation is different from the
previous one, a command showing the variation and a
count number indicative of the repetition variable is
25 stored into said memory, and subsequently, a command
indicative of absolute coordinates of the draw object
which is being processed at present is stored into said
memory.